

# Recombinant human TRAILR3/TNFRSF10C protein

Catalog Number: ATGP3055

## PRODUCT INFORMATION

### Expression system

E.coli

### Domain

26-236aa

### UniProt No.

O14798

### NCBI Accession No.

NP\_003832

### Alternative Names

Tumor necrosis factor receptor superfamily member 10C, Antagonist decoy receptor for TRAIL/Apo-2L, Decoy TRAIL receptor without death domain, Decoy receptor 1, DcR1, Lymphocyte inhibitor of TRAIL, TNF-related apoptosis-inducing ligand receptor 3, TRAIL receptor 3, TRAIL-R3, CD263, LIT, TRAILR3, TRID, TRAIL receptor without an intracellular domain

## PRODUCT SPECIFICATION

### Molecular Weight

24.6 kDa (234aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by BCA assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

### Description

TNFRSF10C also known as tumor necrosis factor receptor superfamily member 10C is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to

# Recombinant human TRAILR3/TNFRSF10C protein

Catalog Number: ATGP3055

function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. Recombinant human TNFRSF10C, fused to His-tag at N-terminus, was expressed in *E. coli* and purified by using conventional chromatography techniques.

## Amino acid Sequence

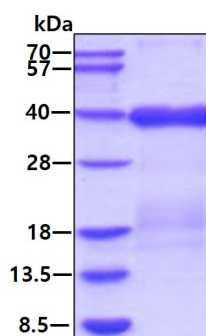
<MGSSHHHHHH SSGLVPRGSH MGS>ATTARQE EVPQQTVPAPQ QQRHSFKGEE CPAGSHRSEH TGACNPCTEG  
VDYTNASNNE PSCFPCTVCK SDQKHKSSCT MTRDTCQCK EGTFRNENSP EMCRKCSRCP SGEVQVSNCT SWDDIQCVEE  
FGANATVETP AAEETMNTSP GTPAPAAEET MNTSPGTPAP AAEETMTTSP GTPAPAAEET MTTSPGTPAP AAEETMTTSP  
GTPA

## General References

Venza M., et al. (2013) Biochem. Biophys. Res. Commun. 441 (4), 743-750

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.